

SOLID-STATE IMAGE PICKUP DEVICE

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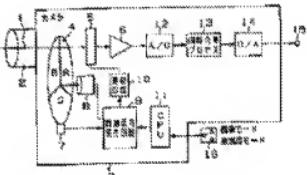
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Abstract of JP10051796

PROBLEM TO BE SOLVED: To shorten a fetching time of a picture even if an accumulation time is prolonged by providing an image-pickup mode selection means for selecting a standard mode which image-picks up an animation picture and a high sensitive mode which image picks up a still picture and controlling a period of a color separation means in accordance with an output of an image pickup mode selection means. SOLUTION: A synchronizing signal generating circuit 9 controls a motor 8 which is controlled by a CPU 11 and drives a rotary filter 4 based on a generated synchronizing signal and a driving circuit 10 for driving a solid-state image pickup element 5. Object light beam separated into R, G and B by the rotary filter 4 are inputted to the solid-state image pickup element 5. An image pickup mode selection switch 16 which selects a standard mode and a high sensitive mode is controlled so that an image signal is provided on outer face of a camera main body 3. A selected image pickup mode signal is inputted to the CPU 11. Thus, the rotary filter 4 and the solid-state image pickup element 5 are controlled by the CPU 11 and they are driven in accordance with the image pickup mode selected by the image pickup mode selection switch 16.

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